TECHNICAL DATA SHEET

Chryso Concrete Solutions

06/27/2025

Chryso®Adva 195

High Range Water Reducing Admixture

DESCRIPTION

ADVA® 195 is a polycarboxlate-based high-range water-reducing admixture specifically formulated to meet the needs of the concrete industry.

Meets or exceeds the requirements of ASTM C494 Type A & F, and ASTM C1017 Type I.

ADVANTAGES

- Highly efficient, producing high slump concrete at very low dosages.
- Offers a combination of extended slump life & near-neutral set time.
- Maintains consistent air entrainment.
- Performs reliably & consistently across various cement chemistries.
- Finishes concrete easily without stickiness, spotty set, or tearing.

FIELDS OF APPLICATION

- All Cement Types
- Precast Concrete
- Ready-Mix Concrete
- Post Tensioned and Prestressed Concrete
- Self Consolidating Concrete (SCC)

Method of Use

Dosage

- ADVA® 195 addition rates can vary with type of application, but will normally range from 3 to 15 fl oz/100 lbs (195 to 980 mL/100 kg) of cementitious.
- In most instances, the addition of 3 to 6 fl oz/100 lbs (195 to 375 mL/100 kg) of cementitious will be sufficient.
- At a given water/cementitious ratio, the slump required for placement can be controlled by varying the addition rate.
- Should conditions require using more than the recommended addition rates, please consult your CHRYSO® representative.

Additional Usage Recommendations

- Suitable for creating concrete with very low water/cement ratios for high strength.

Implementation

- In general, it is recommended that ADVA® 195 be added to the concrete mix near the end of the batch sequence for optimum performance. Different sequencing may be used if local testing shows better performance.
- Please see Technical Bulletin TB-0110, *Admixture Dispenser Discharge Line Location and Sequencing for Concrete Batching Operations* for further recommendations.
- Pretesting of the concrete mix should be performed before use and as conditions and materials change in order to assure compatibility with other admixtures, and to optimize dosage rates, addition times in the batch sequencing and concrete performance.

Equipment

- A complete line of accurate, automatic dispensing equipment is available.

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Complimentary Products

- ADVA® 195 is compatible with most CHRYSO® admixtures as long as they are added separately to the concrete mix. However, ADVA ® products are not recommended for use in concrete containing naphthalene based admixtures and melamine-based admixtures.
- For concrete that requires air entrainment, the use of an ASTM C260 air-entraining agent is recommended to provide suitable air void parameters for freeze-thaw resistance.

Performances

- Produces high slump concrete with extremely workable characteristics.

CHARACTERISTICS

Product Nature	Liquid
Color	Brown
Shelf life	9 months
Cl^- Ions content	< 0,100 %
Specific gravity (25°C)	1,080
pH (25°C)	4,70

PRECAUTIONS

- It will begin to freeze at approximately 32°F (0°C), but will return to full strength after thawing and thorough agitation.
- In storage, and for proper dispensing, ADVA® 195 should be maintained at temperatures above 32°F (0°C).

SAFETY

Prior to any use, please read carefully the Safety Data Sheet.

PACKAGING

- Bulk
- 1000L Tote (275 gallons)
- 210 L (55 Gallons) Drum

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